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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>E3311.0005- 10377542</b> U.S. APPLICATION NO. if known; see 37 CFR 1.5)
INTERNATIONAL APPLICATION NO. PCT/EP2004/052676	INTERNATIONAL FILING DATE 27 October 2004	PRIORITY DATE CLAIMED 17 November 2003
<b>TITLE OF INVENTION</b> ECONOMICAL MINATURIZED ASSEMBLY AND CONNECTION TECHNOLOGY FOR LEDS AND OTHER OPTOELECTRONIC MODULES		
<b>APPLICANT(S) FOR DO/EO/US</b> Ewald Gunther et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371. 3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).  <b>Items 11 to 20 below concern document(s) or information included:</b> 11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input checked="" type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

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U.S. APPLICATION NO. (If known; see 37 CFR 1.5) <b>107579542</b>		INTERNATIONAL APPLICATION NO. PCT/EP2004/052676	ATTORNEY'S DOCKET NUMBER E3311.0005.
20. <input checked="" type="checkbox"/> Other items or information: Return Receipt Postcard; PCT Request; PCT Notification Concerning Submission or Transmittal of Priority Document; PCT Notification of Receipt of Record Copy; PCT Search Report (PCT/ISA/210); PCT ISA/237 - Examination Report; PCT form ISA/220.			
The following fees have been submitted			<b>CALCULATIONS</b>
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) ..... \$300			\$ 300.00
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 All other situations ..... \$200			\$ 200.00
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) ..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority ..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB ..... \$400 All other situations ..... \$500			\$ 400.00
<b>TOTAL OF 21, 22 and 23 =</b>			\$ 900.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
11 - 100 =	/50 =		x \$250.00
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).			\$
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	14 - 20 =	x	0.00
Independent claims	2 - 3 =	x	0.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+
<b>TOTAL OF ABOVE CALCULATIONS =</b>			\$ 900.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.			
<b>SUBTOTAL =</b>			\$ 900.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).			\$
<b>TOTAL NATIONAL FEE =</b>			\$ 900.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			\$ +
			\$
<b>TOTAL FEES ENCLOSED =</b>			\$ 900.00
			Amount to be refunded: \$
			Amount to be charged \$

10/579542  
SAP20 Rec'd PCT/MAY 10 17 MAY 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

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- a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
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- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2215.
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**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:

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*Joseph W. Ragusa* 5/17/06  
SIGNATURE

Joseph W. Ragusa  
NAME

38,586  
REGISTRATION NUMBER

**EXPRESS MAIL CERTIFICATE**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the U.S. Postal Service as Express Mail, Air bill No. EV262736630US on the date shown below in an envelope addressed to Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450.

Date: May 17, 2006

Signature: Joseph W. Ragusa

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AP20R336153M0 17 MAY 2006

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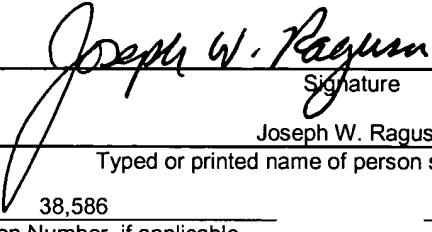
Application No. (if known): (371 o f PCT/EP2004/052676)

Attorney Docket No.: E3311.0005

## Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service via Express mail, Airbill No. EV262736630US on the date shown below, addressed to: MS PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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Signature

Joseph W. Ragusa

Typed or printed name of person signing Certificate

38,586  
Registration Number, if applicable

(212) 896-5452  
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

- Transmittal Letter /Designated/Elected Office ( 3 pages)
- Application Data Sheet ( 4 pages)
- Credit Card Payment form (1 page); \$900.00 fee for entry into National Stage under 371
- First Preliminary Amendment (9 pages)
- Substitute Specification (Marked up to show changes) - 11 pages
- Substitute Specification (Clean Copy) 9 pages
- 2 sheets of drawings (Figs. 1, 2, 3 and 4); Copy of Published PCT application (A2/A3)
- PCT Request; PCT Notification Concerning Submission or Transmittal of Priority Document
- PCT Notification of Receipt of Record Copy
- PCT Search Report (PCT/ISA/210)
- PCT ISA/237 - Examination Report
- PCT Form ISA/220; English Translation of Int'l Application
- Postcard Receipt



TRANSPERFECT  
TRANSLATIONS

IAP20 Rec'd PCT/PTO 17 MAY 2006

City of New York, State of New York, County of New York

I, Livia Cheung, hereby certify that the following is, to the best of my knowledge and belief, a true and accurate translation of this document, "Economical Miniaturized Assembly and Connection Technology for LEDs and Other Optoelectronic Modules", from German into English.

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Livia Cheung

Sworn to before me this

9<sup>th</sup> May, 2006

Signature, Notary Public

PAUL D. RALSTON  
Notary Public, State of New York  
No. 01RA6023867  
Qualified in Queens County  
Commission Expires May 3, 2007

Stamp, Notary Public  
State of New York